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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: HUANG ET AL.

CASE NO.: CL1942 US NA

APPLICATION NO.: 10/630,262

GROUP ART UNIT: UNKNOWN

FILED: JULY 30, 2003

EXAMINER: UNKNOWN

FOR: FUNCTIONALIZED NANOPARTICLES

INFORMATION DISCLOSURE STATEMENT

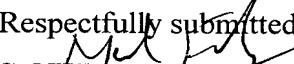
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08A and PTO/SB/08B. A copy of the information is also enclosed.

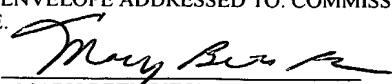
For the Examiner's convenience Applicants additionally enclose a CD rom containing a copy of PTO 1449 in MS Word format containing hyperlinks to the full text of all cited references.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,

S. NEIL FELTHAM
Attorney for Applicant(s)
Registration No. 36,506
Telephone: (302) 992-6460
Facsimile: (302) 892-7949

Dated: 10/30/03
Enclosures

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Sheet 1 of 2

Complete if Known

Application Number	10/630,262
Filing Date	JULY 30, 2003
First Named Inventor	HUANG ET AL.
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1942 US NA

U.S. PATENT DOCUMENTS

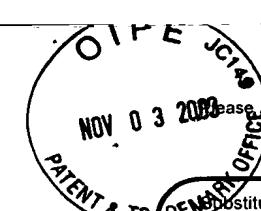
FOREIGN PATENT DOCUMENTS

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Mirkin, C. et al., A DNA-based method for rationally assembling nanoparticles into macroscopic materials, <i>Nature</i> , Vol. 382, August 1996, pg. 607	
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		Mucic, R. et al., DNA-Directed Synthesis of Binary Nanoparticles Network Materials, <i>JACS</i> , 1998, 120, pg. 12674-12675	
		Alivisatos et al., Organization of nanocrystal molecules using DNA, <i>Nature</i> , Vol. 382, Aug. 1996, pg. 609	
		Kim et al., Getting a handheld on DNA: Design of poly-zinc finger proteins with femtomolar dissociation constants, <i>Proc. Natl. Acad. Sci. USA</i> , 1998, March 17, 95(6), 2812-7	
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		Chen et al., Poly(N-vinylisobutyramide)-stabilized platinum nanoparticles: synthesis and temperature-responsive behavior in aqueous solution, <i>Colloids and Surfaces A</i> 169: 107-116, 2000	
		Wueffling et al., Nanometer Gold Clusters Protected by Surface-Bound Monolayers of Thiolated Poly(ethylene glycol) Polymer Electrolyte, <i>J. Am. Chem. Soc.</i> 120: 12696-12697, 1998	
		Chan et al., Quantum Dot Bioconjugates for Ultrasensitive Nonisotopic Detection, <i>Science</i> 281: 2016-2018, 1998,	
		Mitchell et al., Programmed Assembly of DNA Functionalized Quantum Dots, <i>J. Am. Chem. Soc.</i> 121: 8122-8123, 1999	
		Napper, Steric Stabilization, <i>J. Colloid. Interface. Sci.</i> 58, 390-407, 1977	
		Niemeyer et al., Nucleic Acid Supercoiling as a Means for Ionic Switching of DNA – Nanoparticle Networks, <i>CHEM BIOCHEM</i> , 2001, PP. 260-264	

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